

### **Abstract of the Disclosure**

The present invention relates to a solar cell and a method of manufacturing the same wherein a deterioration phenomenon can be eliminated. The solar cell comprises a  
5 solar cell device region constructed by sequentially stacking a first electrode, a P-type semiconductor layer, an intrinsic absorber, an N-type semiconductor layer and a second electrode on a substrate; an insulating film formed on the second electrode; and a thin film heater pattern formed on the insulating film. According to the present invention, there is advantages in that a phenomenon of deterioration of properties of a thin film due to the  
10 Staebler-Wronski effect can be eliminated in such a manner that a thin film heater is mounted within the solar cell and then supplied with a current or voltage to cause the solar cell to be subjected to heat treatment after the solar cell has been exposed to light for a long time.